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SEP 16 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re United States Patent Application of:

Applicant: Frank DIMEO, Jr., et al.

Serial No.: 10/784,606

Date Filed: February 23, 2004

Title: NICKEL-COATED FREE-STANDING  
SILICON CARBIDE STRUCTURE  
FOR SENSING FLUORO OR  
HALOGEN SPECIES IN  
SEMICONDUCTOR PROCESSING  
SYSTEMS, AND PROCESSES OF  
MAKING AND USING SAME

Docket No.: ATMI-546 CIP1 (7494)

Examiner J.M. St. Surin

Group Art Unit: 2856

Confirm. No. 8335

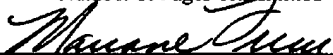
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**25559**FACSIMILE TRANSMISSION CERTIFICATE

I hereby certify that I am filing this document in the U.S. Patent and Trademark Office on September 16, 2005, by facsimile transmission, and addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 and transmitted to USPTO Central Facsimile No. (571) 273-8300.

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Number of Pages Transmitted

  
Marianne Fuierer

September 16, 2005

Date

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**RESPONSE TO JUNE 16, 2005 OFFICE ACTION  
IN U. S. PATENT APPLICATION NO. 10/784,606**

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the June 16, 2005 Office Action in the above-identified application, please amend the application as follows: